

Well Geophysical Log Dictionary

This document describes the Well Geophysical Log dataset in the Colorado Information Marketplace.

Data Dictionary

Field Name	Description
Well Name	Name of Well.
Receipt	The receipt number is the number assigned when the fee is paid. The entire receipt number is eight numeric characters followed by one alphabetic character (if required).
PermitNo	Permit Number
PermitSuf	Permit Suffix code
PermitRpl	Permit Replacement code
LOCNUM	Bureau of Reclamation location identification string based on the PLSS location.
Designated Basin	Designated Groundwater Basin in which the well is located.
Management District	Management District in which the well is located.
PM	Principle Meridian.
Township	Township
Range	Range
Section	Section
Q160	160 acre quarter section indicator.
Q40	40 acre quarter section indicator.
Q10	10 acre quarter section indicator.
CoordsEW	Distance from east/west section line (feet).
CoordsEW dir	Direction of measurement from east/west section line.
CoordsNS	Distance from north/south section line (feet).

CoordsNS dir	Direction of measurement from north/south section line.
UTM x	The x (Easting) component of the Universal Transverse Mercator system. (NAD83 datum)
UTM y	The y (Northing) component of the Universal Transverse Mercator system. (NAD83 datum)
Location Accuracy	Accuracy of UTM coordinates.
Elevation	Ground surface elevation of the well. (Feet)
Elevation Accuracy	Accuracy of the ground surface elevation.
Aquifer1	Aquifer name that well is completed into.
Aquifer2	Any additional Aquifer name that well is completed into.
Aquifer Comment	Aquifer completion comments.
DSS Aquifer1	Aquifer name that well is completed into, as determined by the DSS efforts.
DSS Aquifer2	Any additional Aquifer name that well is completed into, as determined by the DSS efforts.
DSS Aquifer Comment	Aquifer completion comments.
Well Depth	Well completion depth. (Feet)
Top Perforated Casing	Top of perforated casing. (Feet)
Bottom Perforated Casing	Bottom of perforated casing. (Feet)
Yield	Permitted yield of well. (Gallons per minute)
Bedrock Elevation	Bedrock elevation. (Feet above sea level)
Log Depth	Depth of performed Geophysical Log. (Feet)
Log Type	Type of Geophysical Logging performed.
Log Static Water Level	Depth to Static Water Level. (Feet)

Log Date	Date that Geophysical Log was taken.
Dawson Top	Upper elevation of the specified aquifer. (feet above sea level)
Dawson Base	Lower elevation of the specified aquifer. (feet above sea level)
Dawson Thickness	Thickness of the sand. (feet)
Upper Dawson Top	Upper elevation of the specified aquifer. (feet above sea level)
Upper Dawson Base	Lower elevation of the specified aquifer. (feet above sea level)
Upper Dawson Thickness	Thickness of the sand. (feet)
Lower Dawson Top	Upper elevation of the specified aquifer. (feet above sea level)
Lower Dawson Base	Lower elevation of the specified aquifer. (feet above sea level)
Lower Dawson Thickness	Thickness of the sand. (feet)
Denver Top	Upper elevation of the specified aquifer. (feet above sea level)
Denver Base	Lower elevation of the specified aquifer. (feet above sea level)
Denver Thickness	Thickness of the sand. (feet)
Arapahoe Top	Upper elevation of the specified aquifer. (feet above sea level)
Arapahoe Base	Lower elevation of the specified aquifer. (feet above sea level)
Arapahoe Thickness	Thickness of the sand. (feet)
Upper Arapahoe Top	Upper elevation of the specified aquifer. (feet above sea level)
Upper Arapahoe Base	Lower elevation of the specified aquifer. (feet above sea level)
Upper Arapahoe Thickness	Thickness of the sand. (feet)
Lower Arapahoe Top	Upper elevation of the specified aquifer. (feet above sea level)

Lower Arapahoe Base	Lower elevation of the specified aquifer. (feet above sea level)
Lower Arapahoe Thickness	Thickness of the sand. (feet)
Laramie Fox Hills Top	Upper elevation of the specified aquifer. (feet above sea level)
Laramie Fox Hills Base	Lower elevation of the specified aquifer. (feet above sea level)
Laramie Fox Hills Thickness	Thickness of the sand. (feet)
More Information	Hyperlink to Geophysical Log.
Location	Latitude/Longitude where the Well is located.